Figure 1. Mouse Klf4 DNA sequence (SEQ ID NO: 1)

1 qacqccaaqa qaqcqaqcqc qqctccqqqc qcqcqqggag cagaggcggt ggcgggcggc 61 gggggcaccc ggagccgccg agtgcccctc cccgcccctc cagccccca cccaggaacc 121 egecegtgae eegegeecat ggeegegege acceggtaea gteeceagga eteegeacee 181 egegecaceg tecagetege agtteegege cacegeggee atteteacet ggeggegeeg 241 cccgccaccg cccggaccac agcccccgcg ccgccgacag ccacagtggc cgcgacaacg 301 gtgggggaca ctgctgagtc caagagcgtg cagcctggcc atcggaccta cttatctgcc 361 ttqctqattq tctattttta taagaqttta caacttttct aagaattttt gtatacaaag 421 gaactttttt taaagacatc gccggtttat attgaatcca aagaagaagg atctcgggca 481 atctgggggt tttggtttga ggttttgttt ctaaagtttt taatcttcgt tgactttggg 541 getcaggtac ccctctetet tetteggact ceggaggace ttetgggece ccacattaat 601 gaggcageca cctggcgagt ctgacatggc tgtcagcgac gctctgctcc cgtccttctc 661 cacgttcgcg tccggcccgg cgggaaggga gaagacactg cgtccagcag gtgccccgac 721 taaccetteg cettaggaac tetetcacat gaagegactt cececactte cegecegece 781 ctacqacetq qeqqeqacqq tqqccacaga cetqqagagt ggcggagetg gtgcagettg 841 cagcagtaac aacceggeee teetageeeg gagggagaee gaggagttea acgaceteet 901 ggacctagac tttatccttt ccaactcgct aacccaccag gaatcggtgg ccgccaccgt 961 gaccaccteg gegteagett catectegte tteeceggeg ageageggee etgecagege 1081 cagaaacaca ggtggagggc tcctctacag ccgagaatct gcgccacctc ccacggcccc 1141 cttcaacctg ggggacatca atgacgtgag cccctcgggc ggcttcgtgg ctgagctcct 1201 gcgqccggag ttggacccag tatacattcc gccacagcag cctcagccgc caggtggggg 1261 gctgatgggc aagtttgtgc tgaaggcgtc tctgaccacc cctggcagcg agtacagcag 1321 cccttcggtc atcagtgtta gcaaaggaag cccagacggc agccaccccg tggtagtggc 1381 gccctacage ggtggcccge cgcgcatgtg ccccaagatt aagcaagagg cggtcccgtc 1441 etgeacggte ageeggteee tagaggeeca tttgageget ggaceecage teageaacgg 1501 ccaccggccc aacacacacg acttccccct ggggcggcag ctccccacca ggactacccc 1561 tacactgagt cccgaggaac tgctgaacag cagggactgt caccctggcc tgcctcttcc 1621 cccaggattc catccccatc cgggggccaa ctaccctcct ttcctgccag accagatgca 1681 gtcacaagtc ccctctctcc attatcaaga gctcatgcca ccgggttcct gcctgccaga 1741 ggagcccaag ccaaagaggg gaagaaggtc gtggccccgg aaaagaacag ccacccacac 1861 gcgaactcac acaggcgaga aaccttacca ctgtgactgg gacggctgtg ggtggaaatt 1921 cgcccqctcc gatgaactga ccaggcacta ccgcaaacac acagggcacc ggccctttca 1981 gtgccagaag tgtgacaggg cettttecag gtcggaccac ettgcettac acatgaagag 2041 gcacttttaa atcccacgta gtggatgtga cccacactgc caggagagag agttcagtat 2101 ttttttttct aacctttcac actgtcttcc cacgagggga ggagcccagc tggcaagcgc 2161 tacaatcatg gtcaagttcc cagcaagtca gcttgtgaat ggataatcag gagaaaggaa 2221 qaqtccaaqa gacaaaacag aaatactaaa aacaaacaaa caaaaaaaca aacaaaaaaa 2281 ccaaqaaaaa aaaatcacaq aacaqatqqq qtctqatact qqatqqatct tctatcattc 2341 caataccaaa tccaacttga acatgcccgg acttacaaaa tgccaagggg tgactggaag 2401 tttgtggata tcagggtata cactaaatca gtgagcttgg ggggagggaa gaccaggatt 2461 cccttgaatt gtgtttcgat gatgcaatac acacgtaaag atcaccttgt atgctctttg 2521 ccttcttaaa aaaaaaaaqc cattattqtq tcqqaqqaaq aqqaaqcqat tcaqqtacaq 2581 aacatqttct aacagcctaa atgatqqtqc ttgqtgaqtt qtgqtcctaa agqtaccaaa 2641 cgggggagcc aaagttctcc aactgctgca tacttttgac aaggaaaatc tagttttgtc 2701 ttccgatcta cattgatgac ctaagccagg taaataagcc tggtttattt ctgtaacatt 2761 tttatgcaga cagtctgtta tgcactgtgg tttcagatgt gcaataattt gtacaatggt 2821 ttattcccaa qtatqccttt aaqcaqaaca aatgtgtttt tctatatagt tccttgcctt 2881 aataaatatg taatataaat ttaaccca

Figure 2. DNA sequence for Human GKlf4 (SEQ ID NO:2)

1tegaggegac egegacagtg gtgggggacg etgetgagtg gaagagageg cageeeggee 61 accggaccta cttactcgcc ttgctgattg tctatttttg cgtttacaac ttttctaaga 121 acttttgtat acaaaggaac tttttaaaaa agacgcttcc aagttatatt taatccaaag 181 aagaaggate teggeeaatt tggggttttg ggttttgget tegtttette tettegttga 241 ctttggggtt caggtgcccc agctgcttcg ggctgccgag gaccttctgg gcccccacat 301 taatqaqqca qccacctgqc gagtctgaca tqqctqtcaq cqacqcqctq ctcccatctt 361 totocacgtt cgcgtotggc ccggcgggaa gggagaagac actgcgtcaa gcaggtgccc 421 cgaataaccg ctggcgggag gagctctccc acatgaagcg acttccccca gtgcttcccg 481 geogeceta tgacetggeg geggegaceg tggccacaga cetggagage ggeggageeg 541 gtgcggcttg cggcggtagc aacctggcgc ccctacctcg gagagagacc gaggagttca 601 acgatetect ggacetggae tttattetet ceaatteget gacecatect eeggagteag 661 tggccgccac cgtgtcctcg tcagcgtcag cctcctcttc qtcqtcqccq tcqaqcaqcq 721 gccctgccag cgcgccctcc acctgcagct tcacctatcc gatccgggcc gggaacgacc 781 cgggcgtggc gccgggcggc acgggcggag gcctcctcta tggcagggag tccgctcccc 841 ctccgacggc tcccttcaac ctggcggaca tcaacgacgt gagcccctcg ggcggcttcg 901 tggccqaqct cctgcggcca gaattggacc cggtgtacat tccgccgcaq cagccgcaqc 961 cgccaggtgg cgggctgatg ggcaagttcg tgctgaaggc gtcgctgagc gccctggca 1021 gegagtacgg caqceegteg gtcatcageg teagcaaagg cageeetgae ggcagecace 1081 cggtggtggt ggcgccctac aacggcgggc cgccgcgcac gtgccccaag atcaagcagg 1141 aggeggtete ttegtgeace caettgggeg etggaceee teteageaat ggecaeegge 1201 cggctgcaca cgacttcccc ctggggcggc agctccccag caggactacc ccgaccctgg 1261 gtcttgagga agtgctgagc agcagggact gtcaccctgc cctgccgctt cctcccggct 1321 tocatococa coeggggcoc aattacocat cottoctgco cqatcaqatq caqcoqcaaq 1381 tecegocget ccattaccaa qaqeteatqc cacceqqttc etqeatqcca qaqqaqecca 1441 agccaaagag gggaagacga tcgtggcccc ggaaaaggac cgccacccac acttgtgatt 1501 acgcgggctg cggcaaaacc tacacaaaga gttcccatct caaggcacac ctgcgaaccc 1561 acacaggtga gaaacettac caetgtgaet gggaeggetg tggatggaaa ttegeeeget 1621 cagatgaact gaccaggcac taccgtaaac acacggggca ccgcccgttc cagtgccaaa 1681 aatgcgaccg agcattttcc aggtcggacc acctcgcctt acacatgaag aggcattttt 1741 aaatcccaga cagtggatat gacccacact gccagaagag aattcagtat tttttacttt 1801 tcacactgtc ttcccgatga gggaaggagc ccagccagaa agcactacaa tcatggtcaa 1861 gttcccaact gagtcatctt gtgagtggat aatcaggaaa aatgaggaat ccaaaagaca 1921 aaaatcaaag aacagatggg gtctgtgact ggatcttcta tcattccaat tctaaatccg 1981 acttgaatat tcctggactt acaaaatgcc aagggggtga ctggaagttg tggatatcag 2041 ggtataaatt atatccgtga gttgggggag ggaaqaccag aattcccttg aattgtgtat 2101 tgatgcaata taagcataaa agatcacctt gtattctctt taccttctaa aagccattat 2161 tatgatgtta gaagaagagg aagaaattca ggtacagaaa acatgtttaa atagcctaaa 2221 tgatggtgct tggtgagtct tggttctaaa ggtaccaaac aaggaagcca aagttttcaa 2281 actgctgcat actttgacaa ggaaaatcta tatttgtctt ccgatcaaca tttatgacct 2341 aagtcaggta atatacctgg tttacttctt tagcattttt atgcagacag tctgttatgc 2401 actgtggttt cagatgtgca ataatttgta caatggttta ttcccaagta tgccttaagc 2461 agaacaaatg tgtttttcta tatagttcct tgccttaata aatatgtaat ataaatttaa 2521 gcaaacgtct attttgtata tttgtaaact acaaagtaaa atgaacattt tgtggagttt 2581 gtattttgca tactcaaggt gagaattaaq ttttaaataa acctataata ttttatctq

Figure 3

